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State Inst-Stats,

ELEVENTH ANNUAL REPORT

OF THE

BOARD OF TRUSTEES AND OFFICERS

OF THE

Minnesota Hospital for Insane,

(LOCATED AT ST. PETER,)

TO THE

GOVERNOR OF THE STATE OF MINNESOTA,

FOR THE

FISCAL YEAR ENDING NOV, 30th, 1877.

TRANSMITTED TO THE LEGISLATURE OF THE TWENTIETH ANNUAL
SESSION, 1878.

MINNEAPOLIS:
JOHNSON, SMITH & HARRISON.
1878.

MINNESOTA HOSPITAL FOR INSANE.

BOARD OF TRUSTEES.

HON. C. T. BROWN, St. Peter, President.
HON. H. B. STRAIT, Shakopee.
HON. WILLIAM SCHIMMEL, St. Peter.
REV. A. H. KERR, St. Peter, Secretary and Treasurer.
HON. LOREN FLETCHER, Minneapolis.
HON. FREEMAN TALBOT, Cleveland.
NATHANIEL S. TEFFT, M. D., Plainview.

RESIDENT OFFICERS.

CYRUS K. BARTLETT, M. D.,
Superintendent and Physician.
JACOB E. BOWERS, M. D.,
First Assistant Physician.
JOHN H. JAMES, M. D.,
Second Assistant Physician.
GEORGE W. DRYER,
Steward.

SUBORDINATE OFFICERS.

FRANCIS DUNN,
Supervisor Male Department.
EVALINE DUNN,
Supervisor Female Department.
WILLIAM H. PEARCE,
Engineer.
WILLIAM McFADDIN,
Farmer.

TRUSTEE'S REPORT.

His Excellency Governor J. S. Pillsbury:

Herewith we present the various reports and tables representing the condition of the Minnesota Hospital for Insane:

In the Superintendent's, Treasurer's and Steward's reports will be found all items in their respective specialties as definite in particulars as is deemed necessary.

PATIENTS.

Whole number in since opening the hospital.....	1,686
Number present December 1, 1876.....	530
Admitted during the year.....	237
Discharged " ".....	146
Deaths.....	42
Whole number under treatment during the year.....	767
Number present at close of fiscal year Nov. 30th, 1877.....	579

CAPACITY OF HOSPITAL.

The simple statement that the Permanent Hospital is designed to accommodate 500 patients beside all needed employees, and the temporary buildings about 100 more, at once indicates that steps should be taken promptly, looking to further accommodations for the insane of our state. With 579 patients now in the institution, only 21 more are needed to fill the buildings and in about three months that number will be reached. From the establishment of the Hospital the annual increase has been regular and almost precisely in the ratio we have yearly estimated. If the legislature does not authorize enlargement at the present location, which furnishes peculiar facilities for building, then we ask special attention to the recommendation in our last annual report, since some provision becomes absolutely necessary without further delay, viz., "There are so many requisites essential in selecting a location for

another hospital, namely, *suitable farming lands; abundance and character of water supply; fuel; facility of access, etc., etc.*" that we most respectfully and earnestly ask the legislature to authorize the Governor of the State to appoint a judicious commission of five to whom this whole subject be referred and who shall report to the legislature thereon."

Let us emphasise the importance of the appointment of said commission at an early day, composed of persons comprehending the needs of such an institution.

CURRENT EXPENSES.

In reference to the current expenses of the past year we would say that our estimate was almost exact, namely, that \$112,500 would be needed, at the rate of \$3.75 per week for each patient. \$100,000 was granted on the supposition that the commission appointed to return a certain class of patients to their respective counties would sufficiently reduce expenses. As a result only 23 were thus removed.

The Treasurer's report shows the balance on hand, all resources having been drawn in order to close the year without indebtedness. The winter months are before us and the usual appropriation is not available until March. We therefore ask that at the opening of the Legislature relief be granted by a special appropriation of \$12,500, just the amount deducted from what we asked for in our last report. This with the funds on hand will carry us through the months of December and January.

THE FUTURE.

The wants of two months being thus met we respectfully request the Legislature to adopt another plan for the support of the hospital, viz. that on the monthly report made to the State Auditor, by the Treasurer and Steward, endorsed by the Superintendent, of the number of patients present and under treatment at \$3.80 per week, 95 per cent. of the amount thereof be drawn monthly; the remaining 5 per cent. to remain in the treasury until the last month of the fiscal year to be then drawn if needed. (See reference to this in the Superintendent's report.) The advantages of this plan are apparent. The biennial sessions of the Legislature would require large appropriations covering two years; monthly drawings would be in proportion to the number of patients at the opening of the month; embarrassment in the finances avoided and we think the plan will be eminently satisfactory to all concerned.

We have carefully examined this question of weekly cost per patient and after the experience of eleven years, we cannot safely place it at less than \$3.80. This be it remembered includes not merely actual living expenses of patients but also the wages and boarding of a large corps of attendants, fuel, officers' salaries, clothing of patients, medical supplies, all needed repairs to extensive buildings, extraordinary expenses, return of discharged patients to their homes, etc., etc. By reference to reports of State institutions of similar sizes and character this is the lowest average per patient.

IMPROVEMENTS.

The improvements during the past year that were necessary to be made and part of which fall under the term "extraordinary," were, the completion of repairs on the frame temporary building in town—the enlargement and partly the furnishing of the kitchen at the permanent hospital—the enlargement of the reservoir at the springs—drying room—additional steam boilers—steam radiators, flagging, and minor improvements, see particulars in Dr. Bartlett's report.

Commending to your attention this institution with all its claims as one of the noblest charities of our State, over which have watched with deep solicitude, we are

Most respectfully,

C. T. BROWN,
A. H. KERR,
WM. SCHIMMEL,
H. B. STRAIT,
L. FLETCHER.
N. S. TEFFT,
FREEMAN TALBOT.

Trustees.

TREASURER'S REPORT.

Trustees Minnesota Hospital for Insane:

GENTLEMEN:—Herewith you will find a statement of receipts and expenditures for the fiscal year ending Nov. 30th, 1877.

BUILDING FUND.

Cash, Balance of 1875.....	\$ 780 14
Cash, Aug. 6th, 1877, State treasury, balance of appropriation of 1875.....	4,200 00
Cash, Nov. 28th, 1877, State treasury appropriation of 1877,	5,292 78
	<u>\$10,272 92</u>

EXPENDITURES.

Paid as reported in vouchers of 1876, (see last annual report)\$	9,492 78
Paid vouchers of 1877.....	692 01
Unexpended.....	88 13
	<u>\$10,272 92</u>

CURRENT FUND.

Receipts.

Cash, Balance Dec. 1, 1876.....	\$ 2,183 41
Cash, Dec. 20, 1876, State treasury.....	7,000 00
1877.	
Cash, January 11th, 1877, State Treasury, balance of appropriation of 1875.....	1,000 00
Cash, January 11th, 1877, balance of 1876.....	3,500 00
Cash, March 3d, State Treasury.....	7,500 00
Cash, March 12th, State Treasury.....	7,500 00
Cash, April 5th, State Treasury.....	10,000 00
Cash, May 4th, State Treasury.....	8,500 00
Cash, June 5th, State Treasury.....	8,500 00
Cash, July 6th, State Treasury.....	8,500 00
Cash, August 4th, State Treasury.....	9,500 00
Cash, September 8th, State Treasury.....	8,000 00
Cash, October 4th, State Treasury.....	8,000 00
Cash, November 6th, State Treasury.....	8,000 00
Cash, November 28th, State Treasury.....	8,000 00
Cash, November 30th, in full of appropriation of 1877.	8,000 00

HOSPITAL FOR INSANE.

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STEWARD'S RECEIPTS,

For Interest and discounts refunded by Building Fund.	427 18	
For Farm stock, hides, tallow, etc., sold	<u>344 19</u>	
For Rags, old iron, barrels, etc., sold.....	203 16	
For Clothing sold.....	70 36	
For Boarding mechanic.....	52 00	
For Old boiler tubes, cement, etc., sold.....	29 05	
For Balance on account old building sold.....	26 50	
For Sundries sold.....	9 58	
For Rebates, freight on radiators.....	4 50	
	<u>739 34</u>	\$114,849 93

Dates of receipts from State Treasury are given as acknowledged by bank here.

Disbursements.

Monthly current expenses paid on certified vouchers....	\$110,135 41	
Unexpended—balance.....	<u>4,714 52</u>	\$114,849 93

The balance on hand will be exhausted about the middle of December. Prompt action is requisite to secure funds, or an embarrassing indebtedness will be incurred.

Respectfully submitted,

A. H. KERR,
Treasurer.

In the annual report of 1876, in stating resources under current expense account, balance of appropriation of 1876 should have been \$10,500 00.

St. PETER, Dec. 5th, 1877.

To the Board of Trustees:

GENTLEMEN :—Your committee have carefully examined the books of the Treasurer and Steward, and compared them with the vouchers on file, and find the same correct.

C. T. BROWN,
WM. SCHIMMEL,
Committee on Finance.

STEWARD'S REPORT.

To the Trustees of the Minnesota Hospital for Insane:

GENTLEMEN:

Herewith is respectfully submitted a report of the Steward's department; for the year ending November 30, 1877.

DISBURSMENTS.

*For additions, alterations and repairs.....	\$ 7,934 49
For attendants, assistants and labor.....	16,343 57
For books, stationery and printing.....	348 78
For chapel (religious services in,).....	260 00
For clothing.....	7,330 63
*For farm, barn, garden and grounds.....	4,662 72
For freights and expressage.....	1,043 23
*For fuel and heating.....	17,628 82
For furniture.....	5,485 41
For gas, (coke and naphtha and gas fixtures,).....	1,198 85
For interest.....	427 13
For library and amusements.....	201 68
For lights, (other than gas,).....	155 89
For medicine and medical supplies.....	629 25
For miscellaneous expenses.....	1,220 89
For officers salaries.....	6,162 81
For patients, miscellaneous expenses.....	607 53
For provisions and household supplies.....	36,093 01
For rent.....	91 60
For repairs to frame temporary buildings.....	1,593 79
For Steward's petty expenses.....	466 75
For telegraph line and instruction.....	250 00
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	\$110,135 41

*For detail of this item see next page.

The item "additions, alterations and repairs" is detailed as follows:

For general repairs	\$ 2,956 23
For extension of laundry	1,672 10
For extension of kitchen	1,654 28
For compartment walls in attic and extension of water pipes for protection against fire	500 36
For remodeling closets, north and south wings	523 56
For retaining wall at springs	492 52
For flag stone walks, centre building to wings	135 44
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	\$7,984 49

The item "farm, barn, garden and grounds" is detailed as follows:

For labor	\$ 2,429 00
For hay, oats and feed	787 97
For implements and repairs to same, including wagon and sleigh for use of patients	480 90
For stock	150 00
For seeds	204 34
For fencing and drains	139 99
For harness, robes, blankets and repairs to same	178 80
For shoeing horseses and oxen	169 65
For fruit and ornamental trees, plants and flower pots	23 75
For cutting and threshing oats	69 02
For fountain jets and sprinklers	24 30
For pasturage for horses	5 00
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	\$4,662 72

The item "fuel and heating" is detailed as follows:

For wood, (2,709 cords hard, 1,860 cords soft—1½ years' supply,)....	\$11,311 45
For coal, (55½ tons anthracite and 11 tons bituminous,).....	780 67
For coke	114 63
For charcoal	37 05
For new steam boiler and setting same	2,084 14
For steam pump (boiler feeder)	276 25
For radiators and fittings for laundry dry room	587 45
For radiators and coils for extreme wings	814 82
For pipe cutting machine and tools	116 79
For lubricating oils	85 37
For steam fitting and plumbing supplies for repairs, and for extension of steam and water	422 56
For boiler scale preventive	17 75
For chopping and hauling wood cut on hospital farm (614 cords)....	527 60
For furnace and repairs (temporary building)	82 89
For mantel, grates and repairs	111 00
For wood barrows	9 15
For steam pipes for protection against fire	248 95
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	\$17,628 52

"Attendants assistants on labor" includes wages of supervisors, engineers, firemen, bakers, cooks, night watchmen and watch women, seamstresses, laundresses, attendants, &c.]

"Furniture" includes beds and bedding, crockery and all other kinds of household furniture required for the increase of patients and to replace that worn out and destroyed.

"Miscellaneous expenses" includes traveling expenses of trustees and other officers, fire hose and fire extinguisher and other items that cannot properly be otherwise classified.

"Patients miscellaneous expenses" includes undertakers charges, and cash furnished discharged patients to defray traveling expenses to their homes and also cost of removal of patients discharged by legislative commission.

"Rent" is for taxes on town lots and land used for hospital purposes.

"Repairs frame temporary building." See Superintendent's report.

"Stewards petty expenses" includes postage, telegram and small purchases not exceeding five dollars in amount.

"Telegraph" is for constructing and equipping line,—three miles in length—connecting main and branch hospitals with city office and instruction in telegraphy.

The following is an exhibit of farm products with average market values affixed :

Asparagus 900 bunches.....	\$ 90 00
Corn shelled 1,900 bushels.....	769 00
Corn stalks 60 tons.....	150 00
Crab apples 5 bushels.....	5 00
Cucumbers 4 bushels.....	4 00
Hay (wild) 150 tons.....	750 00
Milk 13,175 gallons.....	2,635 00
Oats 1,234 bushels.....	370 20
Oats straw 25 tons.....	100 00
Peas (dry) 150 bushels.....	150 00
Peas (green) 190 bushels.....	190 00
Pie plant 1,000 bunches.....	50 00
Potatoes 3,850 bushels.....	1,540 00
Pumpkins 6,000.....	120 00
Tomatoes 25 bushels.....	18 75
Turnips 1,120 bushels.....	280 00

\$ 7,212 00

Amount received from sale of farm stock, hides, tallow, &c..... 344 10

1400 cords of wood have been cut from timber on the hospital farm, 786 cords of which was cut by patients.

The farm stock on hand at this date consists of six horses, four oxen, twenty-eight cows, seven heifers, two bulls, sixteen calves and yearlings, thirty-seven fat hogs and seventy-five pigs.

In addition to cultivating and harvesting crops, care of stock and other ordinary farm labor, the patients assisted by farm laborers and teams have excavated for extension of kitchen and reservoir at springs, built roads and graded about buildings, in the aggregate amounting to 1,756 days' labor of men, 271 days' labor of teams.

This is exclusive of cutting and storing about 320 tons of ice, sawing 500 cords of wood, and drayage of supplies, fuel and building material.

The following is a carefully compiled inventory of hospital property of all descriptions, on hand at this date, (Nov. 30, 1877):

Permanent Hospital building complete with all fixtures pertaining thereto	\$500,000 00
Temporary Hospital buildings and six lots in the city of St. Peter..	19,350 00
Residence and two lots, officers' quarters	4,500 00
Farm 396 acres	15,400 00
Farm buildings	7,400 00
Farm stock and implements, including wagons, sleighs, harness, robes, &c.	5,355 85
Household furniture of all kinds	33,529 37
Medicines and medicinal supplies	850 00
Library, pictures of all kinds, piano and other musical instruments, games, magic lantern and views	2,395 50
Clothing and material for clothing	2,723 83
Provisions and supplies, consisting of groceries, vegetables, butter, wood, hay, oats, building material, steam fitting and plumbing supplies, coke and naphtha for gas, &c.	14,409 17
Telegraph line complete	200 00
Total	\$606,113 72

Respectfully submitted,

GEORGE W. DRYER,
Steward.

SUPERINTENDENTS REPORT.

To the Board of Trustees:

GENTLEMEN.—It becomes my duty to report the present condition and the operations of this hospital for another year. The frequent visits and thorough examinations of the Board render a minute history unnecessary for your own information, but a great majority of those interested in the management of this institution—the largest charity of the state—obtain a knowledge of its affairs only through the reports of its officers; the following facts and comments are, therefore, respectfully submitted.

SUMMARY OF STATISTICS OF THE PATIENTS.

	Men.	Women.	Total.
Whole number Dec. 1, 1876.....	294	236	530
Number admitted during the year.....	132	105	237
Number under treatment.....	426	341	767
Number discharged, (including deaths,).....	91	97	188
Number remaining Nov. 30, 1877.....	335	244	579
Number from Dakota Territory.....	7	5	12
Daily average.....	563.7-666		
Increase for the year.....	49		

CONDITION OF THOSE DISCHARGED.

	Men.	Women.	Total.
Recovered.....	43	38	81
Improved.....	20	25	45
Unimproved.....	5	14	19
Improper subjects.....	1	0	1
Died.....	22	20	42
Totals.....	91	97	188

One hundred and twenty-six have been returned to their friends either recovered or improved during the year. This is nearly, 35 per cent. of the number of admissions, and in consideration of the fact that all classes of insane have been admitted, the result is satisfactory as could well be expected. It is mostly from the class of recent cases that we look for recoveries, and of those reported "recent" some, no doubt, have suffered from previous attacks of greater or less degree. Insanity is not often, though occasionally, a disease of sudden attack, but more frequently of gradual development from some cause or combination of causes.

Although the number of recovered and improved is larger than usual, the success of the hospital must not be measured alone on that account. The comfortable retreat provided for those who can no longer care for themselves, and the relief to many families made anxious and uncomfortable by long watching for returning health and reason to some afflicted member, must be fully known and realized before estimating the benefits of the institution and its work for the community. The cost of maintaining so many chronic cases collected together can be readily seen, and, though large, must not divert our attention from the fact that all of them, while disabled, must be supported in some way, and the expense cannot be less, with proper care, under any circumstances, and without special treatment; while it would in most cases, no doubt, be much more.

The number discharged as unimproved is larger than usual on account of those removed by the state commissioners, and returned to the counties from which they were committed. Seventy were selected for removal, as properly coming within the interpretation of the legislative act creating the commission, twenty-three of whom have left the hospital; the others remain, most of them belonging to counties suffering from the locust scourge, which exempts them from the support of the patients for a year after the locusts have left; but some belong to counties that have made no special provision for their poor and have no accommodations for them.

The case reported as "an improper subject" was a man arrested for alleged theft of cattle, and, while in jail, his conduct was such the authorities had him committed to the hospital as insane. While there he exhibited no symptoms of insanity and eloped when at work on the farm. He was again arrested and returned to jail for trial.

With a daily average of seventy-seven more patients than last year, the number of deaths is two less, and all, with few exceptions,

have escaped acute sickness. During the months of September and October, however, there were several cases of dysentery, and three deaths attributed to that disease. These cases occurred at the main building, and were not confined to any particular portion of the house, and seemed to arise from no appreciable cause, except the unusual dry and hot weather preceding. It is proper to add that the same disease prevailed in the surrounding community.

Although one hundred and eighty-eight have left the Hospital, including deaths, the whole number has increased *forty-nine*, the *yearly average* since the opening of the institution. This shows that the state commission has failed to relieve the Hospital, as to numbers, to any great extent, even if the removal of *any chronic case* to a county poor-house is proper. *Theoretically* it might seem that quiet and apparently harmless patients could be cared for at an ordinary receptacle for the poor; but *practically* we know they *are not* in States where it is supposed the highest intelligence, aided by wealth, and the keenest moral feelings exist. The removal of such persons from careful daily supervision, which keeps them in a comfortable and often useful condition, to ordinary houses where less restraint and over-sight are maintained, is certainly injudicious if only the slight difference in cost of support is considered. But there is one class of patients here, the removal of which would afford partial relief, and be attended with benefit to them. I allude to the feeble minded youth for whom it has been before suggested, that a school be provided, to which the judges could commit them.

Time has not changed the views expressed in the report of 1873, as to the proper manner of providing for all the insane wards of the state. Without repeating, in full, the language then used, the conclusions may be briefly stated, viz.: That the chronic and acute cases should be treated together, and that special accommodations of moderate size and cost be provided for all needing care and treatment, and within easy access of the centres of population, long journeys not only *increasing* greatly the expense of transportation, but *decreasing* the probabilities of early application for treatment, and while the disease is in its most curable form. The cost of removing a patient more than one hundred miles, if accompanied by an officer and attendant to the hospital, and by a friend *in returning*, is more than the actual expense of support during the average time of treatment of recent cases.

IMPROVEMENTS.

These have been considerable, and although the current expenses have been somewhat increased, the safety of the buildings and the general management of its affairs, the appearance of the surrounding grounds, and the comfort of the whole household have been materially benefitted.

The attics, being continuous the whole length of both wings, have been a constant source of anxiety on account of the rapidity with which fire would spread if once communicated to any part. These have been divided by brick partitions, with four separate compartments in each wing. These partitions are eight inches thick, and the small passage ways covered with iron doors. Into each compartment, from the main steam pipe in the cellar, two-inch pipes lead, through which the attics can be filled with vapor at a moments notice. With these and the water hose on each hall constantly connected with the pipes, the special hose for the fire pump, and several Babcock extinguishers, we feel that the preparations for an accidental fire are very complete.

The original kitchen was located under a part of the centre building, and the chief room was only twenty feet wide and forty feet long, in which were placed the cooking range, broiler, steam apparatus for cooking vegetables, coffee and tea urns, four large steam kettles, and tables for various purposes. As the number of patients increased more assistance was required and the room became greatly crowded. By extending this outside the main building to the laundry, and partly under the piazza of the connection between the two buildings, and covering the exposed portion of the roof with tin, ample space has been secured. The extension is fifty feet long and twenty feet wide and the floor is stone. A new chimney was built with exparate flues for smoke and steam from cooking vessels.

The drying room in the laundry has been enlarged by raising the roof of the engine house, and is heated by Gold's cast iron steam radiators, greatly facilitating the work of that department. The same improvement in building gives us a large and convenient paint shop, and a room for the engineers use adjoining the boiler house.

The reservoir from which the supply of water is pumped has been enlarged and protected by enclosing a section of the base of the bluff, one hundred and fifty feet long, by a stone wall laid in cement.

ANNUAL REPORT.

FARM.

This has been well conducted as usual under the care of Mr. McFadden, and, although the early vegetables were mostly destroyed, and considerable other damage done by locusts, by persistent efforts the main crop of oats, corn and potatoes were saved, and the Steward's report shows the average income from this department. Without the locusts it would have been largely increased, the cultivated area having been enlarged by clearing wood and brush land. The out-door work connected with the care of stock, the growing and harvesting crops, furnishes exercise of the most favorable and healthy kind for the male patients, the great majority being accustomed to farm life.

While the men, so far as possible, are usefully employed on the farm, the women find a variety of labor in housework, assisting in the sewing-room, laundry and kitchen.

The following list shows the articles made in the tailor's shop and the two sewing-rooms. No account of the repairing done on the halls has been kept, which is a large item of needle-work.

Coats made.....	12
Coats repaired.....	669
Pants made.....	71
Pants repaired.....	1814
Vests repaired.....	334
Camisoles made.....	10
Aprons.....	97
Bed spreads hemmed.....	7
Carpet rugs bound.....	33
Chemises made.....	475
Chest protectors.....	4
Clothes bags.....	17
Cupboard spreads.....	100
Curtains.....	22
Cushions.....	6
Drawers, pairs.....	207
Dresses.....	556
Handkerchiefs hemmed.....	77
Holders.....	18
Mittens, pairs.....	12
Mattress ticks.....	4
Napkins.....	84
Night dresses.....	8
Pillow ticks.....	62
Sheets.....	178
Shirts.....	681
Straw ticks.....	112
Sun bonnets.....	4

Suspenders, pairs	82
Table clothes hemmed.....	12
Towels.....	905
Wrappers.....	188
Pillow cases.....	635
Skirts.....	123
Dust blankets.....	4
Chair and sofa cover, 1 each; robes lined, 2.....	4
Shrouds.....	33
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CHAPEL EXERCISES.

There have been one hundred and fifty-six gatherings in the chapel for religious services and other exercises during the year, the audience averaging, by actual count, more than fifty per cent. of all the inmates. As the attendance is voluntary, and the same persons do not attend all the different exercises, this is a fair proportion of the whole number, the excited, sick and feeble, being excused, of course. The exercises on week-day evenings are varied to avoid monotony. There have been readings, lectures, concerts, dances, and theatrical entertainments, all of which are enjoyed. Services on the Sabbath have been conducted by the clergymen of St. Peter, and the preaching has been in English, German, Swede, and Norwegian languages.

LIBRARY.

This now contains over five hundred volumes, and is gradually enlarged by gift and purchase. It affords profitable entertainment to many.

APPROPRIATION.

The estimated expenses made for the past year have not been exceeded, but the whole amount was not granted, consequently the current funds will be exhausted before a new appropriation is available, unless made at an earlier date than is usual. As the legislature, hereafter, will meet only on alternate years, I would suggest that a different plan, in finances, be adopted, viz.: That the rate of support be made at a fixed price per week, for each patient in the Hospital, and that monthly statements of the number of patients be made by the Treasurer of the Hospital, and certified by the Superintendent, to the State Auditor, who shall draw his warrant on the State Treasurer for ninety-five per cent. of the whole amount

in advance. At the end of the year the balance of five per cent for each month can be drawn if necessary. If there is no debt, no demand shall be made for the undrawn amount. As the cost of each patient for the year 1876 was \$80-100 dollars, the price, per week, should not be at a lower rate; this estimate covering not only the cost of board and clothing of the patients, but the board of all the officers and employees, salaries and wages, medical supplies, fuel and lights, all repairs of buildings and minor improvements, repairs to machinery and heating apparatus, wear and tear of household furniture, burial expenses in case of death and the remains are not removed by friends, expenses of returning recovered patients, and also those discharged by the State commission, no other provision having been made for that purpose.

We thank the publishers of the following papers sent gratuitously to the hospital :

St. Paul Pioneer-Press, daily.
 Winona Republican, daily.
 St. Peter Tribune, weekly.
 Mankato Review, weekly.
 Le Sueur Echo, weekly.
 Le Sueur Sentinel, weekly.
 Litchfield News Ledger, weekly.
 Elk River Weekly News, weekly.
 Northwestern Chronical, weekly.
 Sibley County Independent, weekly.
 Minnesota Volksblatt, weekly.
 Budsticken, (Norweigion), weekly.
 Blue Earth City Post, weekly.
 New Ulm Herald, weekly.
 Shakopee Argus, weekly.
 Mantorville Express, weekly.
 Sauk Rapids Sentinal, weekly.
 Minnesota Beobacter, weekly.
 Anti-Monopolist, weekly.
 Glecoe Register, weekly.
 St. Cloud Journal-Press, weekly.
 Lake City Leader, weekly.
 Austin Register, weekly.
 Hastings Gazette, weekly.
 Redwood Gazette, weekly.
 Noa Vorden, (Sweedish,) weekly.
 Minnesota Staats-Zeitung, weekly.
 Windom Reporter, weekly.
 Minnesota Staats Tidings, weekly.
 Hamilton Daily Spectator, (Canada,) daily.
 Strathoy Age, (Canada,) weekly.
 London Weekly Herald, (Canada,) weekly.

GIFTS.

Are gratefully acknowledged as follows:

From Dr. Alfred Muller, New Ulm, 1 book and illustrated papers.

From Mrs. Loren Fletcher, Minneapolis, illustrated papers.

From Mr. C. M. Loring, Minneapolis, books and papers.

From Rev. J. H. Tuttle, Minneapolis, illustrated papers, magazines and books.

From Miss Lily E. Swift, St. Peter, 1 book and papers.

From Mrs. Henry Jones, St. Peter, several packages of paper.

From G. S. Ives, Esq., St. Peter, 1 book.

From Rev. E. Livermore, St. Peter, papers.

From Rev. A. H. Kerr, St. Peter, papers.

From Charles Wood, Jr., 1 package of papers.

We also wish to express our thanks to the following persons for entertainments:

To Prof. Peckham, East Minneapolis, for a lecture on Chemistry.

To Prof. Rotter, a concert.

To Mr. T. H. Brand and the North Carolinians, a concert.

To the Orphans Club, St. Paul, a concert.

To the Swiss Bell ringers, a concert.

From Plunkett Troup, dramatic entertainments.

To the "Peak Sisters," St. Peter, a concert.

To several young ladies and gentlemen, of St. Peter—an entertainment.

To Hon. Freeman Talbot, Cleveland—1 lecture and several readings.

To Mr. Alex. Jones, St. Peter, for playing the organ for chapel services.

The staff of officers is unchanged, except the appointment of Dr. J. H. James, in June, as second assistant physician.

To all those associated with me in the administration of the affairs of the hospital, I am under obligations, for their ever ready and willing assistance.

Again I thank you as a Board for your frequent visits and personal encouragement in the duties of my office.

May the same kind Providence that has protected us thus far continue to watch over and bless this institution.

CYRUS K. BARTLETT,

Superintendent.

December 1, 1877.

APPENDIX.

TABLE I.

MOVEMENT OF THE POPULATION.

	Men.	Women.	Total.
Number at beginning of the year.....	294	236	530
Admitted during the year.....	132	105	237
Total present in the year.....	426	341	767
Discharged, recovered.....	43	38	81
Discharged, improved.....	20	25	45
Discharged, stationary.....	5	14	19
Not proper subject.....	1	.....	1
Died.....	22	20	42
Daily average.....	.....	.....	568
Remaining at end of year.....	335	244	579

TABLE II.

ADMISSIONS AND DISCHARGES FROM THE BEGINNING OF HOSPITAL.

	Men.	Women.	Total.
Admitted since opening.....	930	756	1686
Discharged, recovered.....	279	227	506
Discharged, improved.....	144	135	279
Discharged, stationary.....	44	38	82
Not proper subjects.....	4	2	6
Died.....	145	110	255
Remaining at end of year.....	335	244	579

TABLE III.

CIVIL CONDITION OF THOSE ADMITTED.

	DURING THE YEAR.			SINCE OPENING HOSPITAL.		
	Men.	Women.	Total.	Men.	Women.	Total.
Single	71	32	103	571	220	791
Married	55	70	125	303	461	764
Widowed	4	2	6	31	66	97
Divorced	1	1	2	7	8	15
Unknown	1	.....	1	18	1	19
Total	132	105	237	930	756	1,686

TABLE IV.

NUMBER AT EACH AGE WHEN ADMITTED DURING THE YEAR.

	WHEN ADMITTED.			WHEN ATTACKED.		
	Men.	Women.	Total.	Men.	Women.	Total.
Under 15 .....	.....	.....	.....	1	2	3
15 to 20	7	8	15	7	9	16
20 to 25	16	12	28	19	6	25
25 to 30	21	12	33	17	10	27
30 to 35	17	16	33	11	11	22
35 to 40	17	10	27	7	10	17
40 to 45	12	9	21	7	3	10
45 to 50	13	10	23	6	5	11
50 to 60	20	8	28	10	4	14
60 to 70	2	5	7	.....	.....	.....
70 to 80	1	2	3	1	1	2
Unknown	6	13	19	46	44	90
Total	132	105	237	132	105	237

TABLE V.

OCCUPATION OF THOSE ADMITTED.

	During the Year.	Since Opening.
Farmers and farmers' sons.....	78	385
Laborers.....	22	233
Housekeepers.....	73	496
Housework (domestics).....	9	121
Painters.....	1	10
Tailors.....	1	6
Carpenters.....	1	22
Seamstresses.....	4	20
Teachers.....	1	17
Clockmakers.....		2
Lumbermen.....	1	6
Butchers.....		1
Printers.....	1	9
Bakers.....		3
Cabinetmakers.....		2
School children.....		9
Bookkeepers.....		2
Students.....	1	7
Mechanics.....	1	17
Brickmakers.....		1
Blacksmiths.....	2	12
Bank clerks.....		2
Shoemakers.....	1	13
Merchants.....		19
Masons.....	1	7
Harnessmakers.....		3
Gardeners.....		3
Insurance agent.....	1	1
Cooks.....		4
Weavers.....	1	3
Real Estate agents.....	1	3
Confectioners.....		1
Music Teachers.....		2
Teamsters.....	1	7
Boilermaker.....		1
Millers.....	1	2
Cigarmaker.....		1
Clerks.....	2	6
Hunter and Trapper.....		1
Druggist.....		1
Barber.....	1	3
Hotel keepers.....	1	4
Coopers.....		1
Liverymen.....		1
Stenographer.....		1
Clergymen.....		1
Stavemaker.....		1
Locksmith.....		1

TABLE V—Continued.

OCCUPATION OF THOSE ADMITTED.

	During the Year.	Since Opening.
Stonecutter.....		2
Barkeeper.....		1
Peddler.....		2
Nurseryman.....		1
Dentist.....		1
Physicians.....	1	3
Section boss.....		2
Actress.....		1
Watchmaker.....	1	1
Wagonmaker.....	1	1
Pilot.....	1	1
Fisherman.....	1	1
Laundress.....	1	1
Drover.....	1	1
Milliner.....	1	1
Miner.....	1	1
Engineer.....	1	1
Not given.....	13	18
No occupation.....	7	172
Total.....	237	1686

TABLE VI.

NATIVITY OF PATIENTS ADMITTED.

	DURING THE YEAR.			SINCE OPENING HOSPITAL.		
	Men.	Women.	Total.	Men.	Women.	Total.
Alabama.....				1		1
California.....				1		1
Carolina.....				4	2	6
Connecticut.....	1		1	7	2	9
Iowa.....		1	2	2	4	6
Indiana.....	2		2	15	14	29
Illinois.....	3	2	5	11	18	29
Kentucky.....		4	4	3	6	9
Louisiana.....				1		1
Massachusetts.....	1	2	3	14	13	27
Maryland.....				2		2
Missouri.....		2	2	1	4	5
Minnesota.....	7	3	10	24	13	37
Michigan.....				1		1
Maine.....	4	3	7	30	20	50
New York.....	11	4	15	88	78	164
New Hampshire.....	1		1	8	6	14
New Jersey.....				4	3	7
Ohio.....	5	2	7	25	22	47
Pennsylvania.....	2	2	4	25	21	46
Rhode Island.....				1	2	3
Tennessee.....				1	1	2
Vermont.....	3	2	5	16	17	33
Virginia.....				5	6	10
Wisconsin.....	6	5	11	27	24	51
West Virginia.....	1		1	1		1
Unknown.....	2	1	3	4	1	5
Total native born.....	50	33	83	320	276	596
Ireland.....	6	15	21	92	109	201
Germany.....	24	10	34	137	92	229
Norway.....	22	16	38	116	110	226
Sweden.....	13	8	21	96	41	137
Canada.....	5	1	6	53	24	77
England.....	1	3	4	28	18	44
Prussia.....	5	3	8	19	27	46
Bohemia.....		7	7	5	17	22
Switzerland.....		1	1	7	8	15
Denmark.....	1	1	2	10	2	12
France.....				2	2	4
Poland.....				1	1	2
Holland.....				2		2
Russia.....				4		4
Scotland.....	2		2	2	3	5
Belgium.....				1		1
Nova Scotia.....					1	1
Wales.....				1		1
Italy.....		1	1		1	1
Austria.....		1	1		1	1
Newfoundland.....	1		1	1		1
Unknown.....	2	5	7	35	23	58
Total foreign.....	82	72	154	610	480	1,090

OF THE PATIENTS COMMITTED TO THE HOSPITAL THERE ARE

Native born.....	50	33	83	320	296	616
Foreign born.....	82	72	154	610	480	1,090
Total.....	132	105	237	930	776	1,706

TABLE VII.

SHOWING THE NUMBER FROM EACH COUNTY.

	DURING THE YEAR.			SINCE OPENING HOSPITAL.		
	Men.	Women.	Total.	Men.	Women.	Total.
Anoka.....	1		1	7	8	15
Becker.....	2		2	5	1	6
Benton.....	1	1	2	4	4	8
Blue Earth.....	1		1	28	16	44
Brown.....	3	3	6	16	20	36
Carlton.....				11		11
Carver.....	2		2	11	16	27
Chippewa.....	2		2	4	1	5
Chisago.....				10	2	12
Clay.....				3		3
Cottonwood.....				4	1	5
Crow Wing.....				3	1	4
Dakota.....	6	4	10	36	28	66
Dodge.....	2	2	4	11	21	32
Douglas.....	4	1	5	10	6	16
Fairbault.....	2	2	4	20	8	28
Filmore.....	8	7	15	42	42	84
Freeborn.....	2	3	5	11	11	22
Goodhue.....	8	5	13	53	38	91
Grant.....	1	1	2		2	2
Hennepin.....	12	10	22	111	57	168
Houston.....	6	1	7	23	12	35
Isanti.....	1		1		4	4
Jackson.....	1		1	4	2	6
Kanabec.....				1		1
Kandiyohi.....	1	2	3	9	7	16
Lake.....				1		1
Le Sueur.....	1	4	5	24	33	57
Lyon.....		1	1		3	3
McLeod.....	1	1	2	8	12	20
Martin.....	2		2	6	4	10
Meeker.....	5		5	13	1	14
Millie Lacs.....	2		2		1	1
Morrison.....				3		3
Murray.....		1	1	1	1	2
Mower.....	1	2	3	9	12	21
Nicollet.....	6	3	9	48	23	71
Nobles.....				2		2
Olmsted.....	5		5	33	23	56
Otter Tail.....				7	7	14
Pine.....				2		2
Polk.....		1	1	1		1
Pope.....	1		1	3	5	8
Ramsey.....	8	8	16	88	106	194
Redwood.....		1	1		4	4
Rock.....				1		1
Renville.....	1	2	3	4	8	12
Rice.....	5	5	10	33	20	53
St. Louis.....	1		1	5	4	9
Scott.....	2	6	8	14	22	36
Sherburne.....				1		1
Sibley.....	1	1	2	13	11	24
Stearns.....	2	2	4	21	13	34
Stevens.....				4	1	5
Steele.....	4	1	5	14	17	31
Swift.....	1	1	2	2	1	3
Todd.....				3	1	4
Wabasha.....	3	4	7	15	15	30
Waseca.....	1	1	2	6	15	21
Washington.....	3	2	5	31	15	46
Watouwan.....		1	1	4	7	11
Wilkin.....				1		1
Winona.....	3	9	12	36	43	79
Wright.....	3	2	5	15	13	28
Yellow Medicine.....	1	1	2	2	1	3
Dakota Territory.....	2	3	5	10	5	15
Total.....	132	105	237	930	756	1686

TABLE VIII.

SHOWING NUMBER FROM EACH COUNTY NOW REAMINING IN HOSPITAL.

	Men.	Women.	Total.
Anoka.....	3	2	5
Becker.....	2		2
Benton.....	2	2	4
Blue Earth.....	9	3	12
Brown.....	6	8	14
Carlton.....			
Carver.....	7	3	10
Chippewa.....	2		2
Chisago.....	3	1	4
Clay.....	2		2
Cottonwood.....	1		1
Crow Wing.....			
Dakota.....	10	10	20
Dodge.....	5	7	12
Douglas.....	5	2	7
Faribault.....	8	2	10
Fillmore.....	12	19	31
Freeborn.....	4	4	8
Goodhue.....	20	10	30
Grant.....			
Hennepin.....	28	14	42
Houston.....	10	7	17
Isanti.....	3		3
Jackson.....	1	1	2
Kanabec.....			
Kandiyohi.....	3	3	6
Lake.....	1		1
Le Sueur.....	5	9	14
Lyons.....	1	1	2
McLeod.....	2	4	6
Martin.....	2	2	4
Meeker.....	2		2
Mille Lacs.....	2	1	3
Morrison.....	1		1
Murray.....		1	1
Mower.....	2	6	8
Nicollet.....	23	6	29
Nobles.....	2		2
Olmsted.....	8	4	12
Otter Tail.....	5	5	10
Pine.....	1		1
Polk.....		1	1
Pope.....	1		1
Ramsey.....	27	37	64
Redwood.....		2	2
Rock.....	1		1
Renville.....	2	2	4
Rice.....	16	10	26
St. Louis.....	3	3	6
Scott.....	4	7	11
Sherburne.....			
Sibley.....	5		5
Stearns.....	11	4	15
Stevens.....	1		1
Steele.....	5	3	8
Swift.....	1	1	2
Todd.....	3		3
Wabasha.....	6	8	14
Waseca.....	6	7	9
Washington.....	10	2	12
Watsonwan.....	2		2
Wilkin.....	1		1
Winona.....	10	12	22
Wright.....	8	3	11
Yellow Medicine.....	2	1	3
Dakota Territory.....	7	4	11
Total.....	335	244	579

TABLE IX.

SHOWING THE ALLEGED CAUSES OF INSANITY.

	DURING THE YEAR.			SINCE OPENING HOSPITAL		
	Men.	Women.	Total.	Men.	Women.	Total.
Apoplexy				1		1
Approaching matrimony					1	1
Climacteric change					16	16
Coup de Soliel	4	1	5	18	5	23
Consulting fortune teller					1	1
Congenital				9	6	15
Constriction of brain					1	1
Domestic trouble	4	9	13	31	58	89
Disappointed affections	2		2	23	9	32
Disappointed ambition	2		2	11	6	17
Death of child	1		1	1	11	12
Death of wife	2		2	8		8
Death of husband		1	1		13	13
Death of father	1		1	1		1
Death of mother		1	1		1	1
Desertion				1	4	5
Deaf mute				1		1
Epilepsy	6	2	8	56	40	96
Exposure	1		1	14	1	15
Excessive study	2		2	3		3
Excessive use of tobacco				2	1	3
Exhaustion from travel					1	1
"Excitement of a wake"					1	1
Fright	1	3	4	7	10	17
Fever		1	1	1	3	4
General ill health	1	7	8	53	83	136
Grief				4	11	15
Hereditary				5	9	14
Hysteria		1	1		5	5
Ill health from overwork	4	2	6	33	38	72
Intemperance	11	2	13	79	4	83
Injury to head	7	1	8	34	7	41
Imprisonment				2		2
Injury to back				1		1
Jealousy	2		2	3	2	5
Loss of property	4		4	7	1	8
Masturbation	7		7	69	11	80
Menstrual irregularities		2	2		16	16
Malicious disposition					1	1
Meningitis				12	2	14
Murder done at his house				1		1
Money				1		1
Miscarriage					3	3
Measles	1		1	1		1
Nostalgia				2	2	4
Opium habit				1	2	3
Pecuniary difficulties	7		7	40	2	42
Puerperal		7	7		61	61
Political excitement				2		2
Prolonged lactation		1	1		3	3
Paralysis		1	1	6	6	12
Poverty and abuse				2	7	9
Previous attacks		3	3	15	18	33
Religious excitement	9	4	13	53	31	84
Remorse				1		1
Spiritualism					2	2
Senility	1		1	7	11	18
Simulation	1		1	2		2
Solitary life	2		2	4		4
Sea voyage					1	1
Typhoid fever	2	1	3	8		8
Watching sick child					1	1
No history of causation	47	55	102	293	219	512
Total	132	105	237	930	756	1,686

TABLE X.

SHOWING THE FORM OF MENTAL DISEASE.

	DURING THE YEAR.			SINCE OPENING HOSPITAL.		
	Men.	Women.	Total.	Men.	Women.	Total.
Acute mania.....	56	26	82	336	210	546
Chronic mania.....	14	14	28	183	177	360
Epileptic mania.....	5	2	7	42	27	69
Paralytic mania.....	2	.....	2	12	4	16
Puerperal mania.....	.....	5	5	.....	34	34
Recurrent mania.....	10	12	22	48	28	76
Hysterical mania.....	.....	4	4	.....	14	14
Monomania.....	.....	.....	.....	10	7	17
Dipsomania.....	.....	.....	.....	1	.....	1
Melancholia.....	30	31	61	178	155	333
Dementia.....	8	8	16	83	64	147
Senile dementia.....	1	2	3	9	21	30
Idiot and imbecile.....	4	1	5	23	13	36
Improper subject.....	1	.....	1	4	2	6
Undecided.....	1	.....	1	1	.....	1
Total.....	132	105	237	930	756	1686

TABLE XI.

SHOWING THE NUMBER OF ATTACKS IN THOSE ADMITTED.

	DURING THE YEAR.			SINCE OPENING HOSPITAL.		
	Men.	Women.	Total.	Men.	Women.	Total.
First.....	69	55	124	581	523	1104
Second.....	12	14	26	108	89	197
Third.....	5	3	8	32	25	57
Fourth.....	.....	2	2	8	7	15
Fifth.....	1	.....	1	5	4	9
Sixth.....	.....	.....	.....	3	3	6
Not subject.....	1	.....	1	4	2	6
Unknown.....	24	18	42	169	90	259
Several.....	20	13	33	20	13	33
Total.....	132	105	237	930	756	1686

TABLE XII.

SHOWING THE DURATION OF INSANITY BEFORE ADMISSION.

	DURING THE YEAR.			SINCE OPENING HOSPITAL.		
	Men.	Women.	Total.	Men.	Women.	Total.
Under 1 week	10	3	13	45	12	57
Under 1 month	25	12	37	149	100	249
1 to 3 months	12	7	19	116	108	224
3 to 6 months	10	6	16	84	69	153
6 to 9 months	5	8	13	51	39	90
9 to 12 months	1	.....	1	19	14	33
12 to 18 months	3	4	7	51	30	81
18 months to 2 years...	2	1	3	24	14	38
2 to 3 years	8	7	15	53	52	105
3 to 4 years	4	2	6	44	35	79
4 to 5 years	1	.....	1	18	31	49
5 to 10 years	3	10	13	47	68	115
10 to 15 years	2	2	4	26	36	62
15 to 20 years	1	2	3	10	16	26
20 to 25 years	2	1	3	10	13	23
25 to 30 years .....	.....	.....	.....	4	.....	4
30 years and over .....	.....	.....	.....	2	7	9
Not subjects	1	.....	1	4	2	6
Idiot and imbecile	4	1	5	13	7	20
Unknown	38	39	77	160	103	263
Total	132	105	237	930	756	1686